

Converting Colors

Yxy(59.1856, 0.3644, 0.4127)

Have a look what the booklet for
Yxy(59.1856, 0.3644, 0.4127)
contains.

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Color

Yxy(59.1856, 0.3644, 0.4127)

Conversions

Conversions Part 1

Format	Color
Hex	CFCE88
RGB	207, 206, 136
RGB Percent	81%, 81%, 53%
CMY	0.1880, 0.1922, 0.4666
CMYK	0.00, 0.01, 0.34, 0.19
HSL	59°, 43%, 67%
HSV	59°, 34%, 81%
XYZ	52.2589, 59.1856, 31.9662
YIQ	198.3190, 23.0660, -21.5580

Conversions

Conversions Part 2

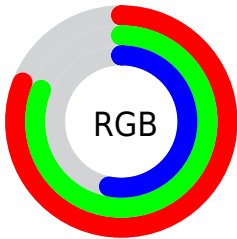
Format	Color
RYB	137, 207, 136
Decimal	13618824
CIELab	81.39, -10.18, 34.99
CIELCh	81, 36.446, 106.225
Yxy	59.1856, 0.3644, 0.4127
Android (android.graphics.Color)	4291808904 (0xFFCFCE88)
YUV	198.3190, -30.7233, 7.6132
Hunter-Lab	76.9322, -13.3790, 29.2168

Details

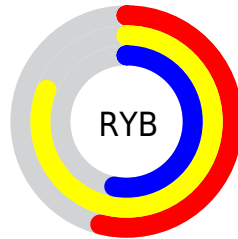
The Yxy color **59.1856, 0.3644, 0.4127** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.6559, 0.2514, 0.2289**, and the grayscale version is **56.8624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4977, 0.3514, 0.3929**, and **29.7877, 0.3764, 0.4343** is the 20% darker color. If you saturate the color by 10%, you get **58.5062, 0.3787, 0.4357**, and if you desaturate by 10%, it is **59.9844, 0.3493, 0.3884**.

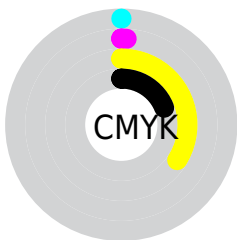
Distribution



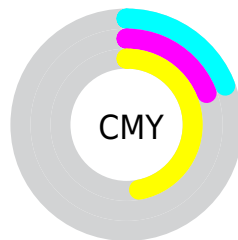
- Red (81%)
- Green (81%)
- Blue (53%)



- Red (54%)
- Yellow (81%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (34%)
- Black (19%)





- Cyan (19%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1856, 0.3644, 0.4127 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 59.1856, 0.3644, 0.4127 by changing the saturation by 10% instead.


 59.1856, 0.3644,
0.4127


 59.1856, 0.3644,
0.4127


421.5894, 0.3405,
0.3722


 42.7625, 0.3697,
0.4223


 103.6474, 0.3562,
0.3984

 29.6988, 0.3760,
0.4342


 132.4549, 0.3530,
0.3929

 19.6101, 0.3837,
0.4493


 166.1593, 0.3502,
0.3881

 12.1120, 0.3930,
0.4691

205.1451, 0.3478,
0.3841

 6.8200, 0.4039,
0.4953

249.7966, 0.3456,
0.3805

 3.3498, 0.4292,
0.5492

300.4982, 0.3437,

 1.3169, 0.4203,

0.3774

0.5797

357.6343, 0.3420,
0.3746

0.1543, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.1856, 0.3644,
0.4127

59.1856, 0.3644,
0.4127

58.5062, 0.3787,
0.4357

59.9844, 0.3493,
0.3884

57.9315, 0.3916,
0.4564

60.9006, 0.3341,
0.3637

57.4570, 0.4026,
0.4738


61.9425, 0.3190,
0.3393

57.0746, 0.4113,
0.4874


63.1153, 0.3046,
0.3158

 56.7749, 0.4173,
0.4966


 64.4240, 0.2910,
0.2936

 56.5463, 0.4208,
0.5016

 65.5309, 0.2815,
0.2781

 56.4365, 0.4220,
0.5032

 65.6821, 0.2815,
0.2785

 65.8335, 0.2815,
0.2788

 65.9852, 0.2815,
0.2792

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.1856, 0.3970, 0.3928



59.1856, 0.3644, 0.4127



59.1856, 0.3193, 0.4080

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1856, 0.3644, 0.4127



59.1856, 0.2272, 0.2878



59.1856, 0.3484, 0.2875

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.1856, 0.3644, 0.4127



27.6559, 0.2514, 0.2289

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.1856, 0.3004, 0.2633



59.1856, 0.3644, 0.4127



59.1856, 0.2334, 0.2614

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.1856, 0.3644, 0.4127



59.1856, 0.2415, 0.3299



59.1856, 0.2590, 0.2536



59.1856, 0.3885, 0.3214

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.1856, 0.3644, 0.4127



59.1856, 0.2886, 0.3893



59.1856, 0.2590, 0.2536



59.1856, 0.3325, 0.2781

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.1883, 0.3644, 0.4127



98.2218, 0.3277, 0.3534



32.6968, 0.3917, 0.3277



20.9737, 0.3299, 0.3568



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.1883, 0.3644, 0.4127



94.0021, 0.3748, 0.4294



55.2810, 0.3358, 0.4224



13.7660, 0.3266, 0.3516



35.5506, 0.4219, 0.5032



1.9977, 0.4214, 0.5036

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.6559, 0.2514, 0.2289



36.2081, 0.2362, 0.2039



30.7045, 0.2815, 0.2353



11.4456, 0.2982, 0.3053



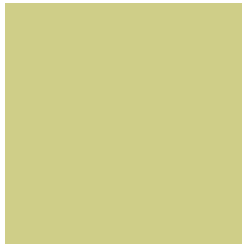
2.8930, 0.1503, 0.0610



0.1720, 0.1513, 0.0645

Previews

White Background



This preview shows how the Yxy color 59.1856, 0.3644, 0.4127 looks on a white background.

Color Contrast Check

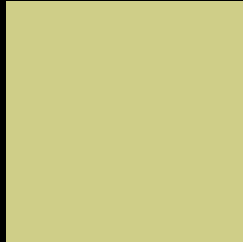
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 59.1856, 0.3644, 0.4127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

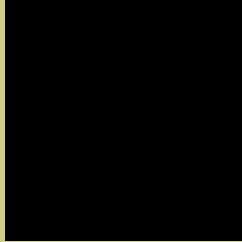
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1856, 0.3644, 0.4127

Background



This preview shows how black text looks on a background with the Yxy color 59.1856, 0.3644, 0.4127.



This preview shows how white text looks on a background with the Yxy color 59.1856, 0.3644, 0.4127.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.1856, 0.3644, 0.4127

Protanopia

59.0224, 0.3775, 0.4078

Deuteranopia

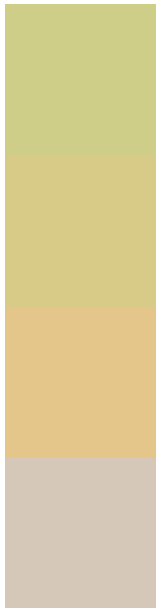
58.7048, 0.3966, 0.3880



Tritanopia

59.2849, 0.3167, 0.3120

Trichromacy



Original Color

59.1856, 0.3644, 0.4127

Protanomaly

58.9082, 0.3730, 0.4087

Deuteranomaly

58.8812, 0.3848, 0.3968

Tritanomaly

58.9154, 0.3350, 0.3478

Monochromacy



Original Color

59.1856, 0.3644, 0.4127

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.2859, 0.3319, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1856, 0.3644, 0.4127 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 206, 136)` looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 136)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 206, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 136) }
```

Border

The CSS property to change the border of an element to Yxy 59.1856, 0.3644, 0.4127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 206, 136) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(207, 206, 136) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(207, 206, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 206, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 206, 136);  
box-shadow:4px 4px 4px 4px rgb(207, 206,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1856, 0.3644, 0.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 136) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
206, 136) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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